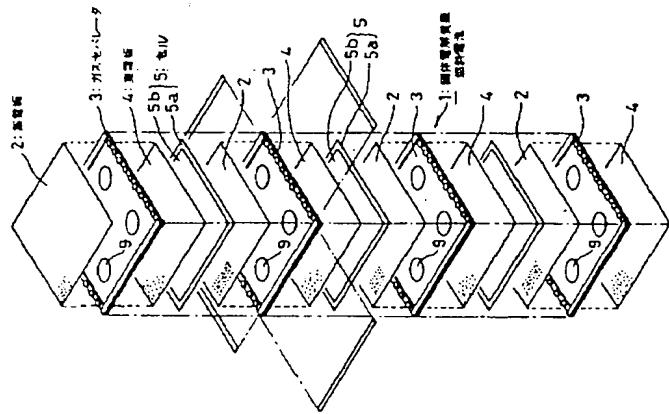


97-303938/28 L03
 MITSUI ENG & SHIPBUILDING CO LTD
 95.10.13 95JP-265398 (97.05.02) H01M 8/02, C04B 35/053, 35/48
 Solid-state electrolytic fuel cell stack battery - has sintered ceramic
 gas separators based on zirconium dioxide in mixture of
 magnesium oxide and aluminate powders
 C97-098012

Battery has sintered ceramic gas separators, each of which comprises 5-
 20 volume% of ZrO_2 content in a mixture prepared by mixing MgO
 powder with $MgAl_2O_4$ powder in the weight 1:1-9 arranged among
 current collecting sheets.

ADVANTAGE

The battery has separators of excellent rupture strength.



(5pp109DwgNo.1/2)

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MITB 95.10.13
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